

1900

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April 7 - June 2

Texas



Vernon Bailey  
Field Notes

1900

Vol. I

Washington D.C.  
Biological Survey

Quartz, with black st.



April 7. 1900

Washington D.C. 10.55 AM  
Maples in flower, no green  
on trees,  
Harpers Ferry

Martinsburg  
Cumberland  
Deer Park

Cincinnati - after dark

April 8  
Washington, Ind.

St. Louis L. 2.21 P.M.  
South over Iron Mountain R.R.  
Peach & plum trees in flower,  
a trace of green on trees.  
Along river shore.  
Bismark Mo.

Poplar Bluff - dark



April 9

Texarkana daylight  
Two green dogwood in flower  
Blackberry in flower  
Phlox " "  
Oak, hickory, gum  
willows, & pines  
Scrub forest

Marshall

Liquidambar abn.  
Platanus "  
Cireus, in flower "  
Cornus florida, in flower "  
Baptisia, not in flower "  
Podophyllum  
Populus

Red sandy soil

Sabine River

Long View

Sabine River

Sabal

lime & fossil rocks  
Opuntia vulgaris, a few  
Berberis - in flower

Troop

Yucca angustifolia, a few

Palatine 2 P.M.

Zilluzia, abn. on  
Trinity River, first

Quercus phellos

" nigra

" falcata?

" cochinea?

Phaselia in flower

Sisyrinchium "

Tridacantha "

Cimicifuga ? "

Nyssa abn.

Baptisia leucophara? in flower

Spanish oak -

Buffalo

Marquez

Cimicifuga - yellow fields of it

Nerica - trees loaded with it

Castles, abn.

Dragos R.

open country, big fields

Verbena 2

Gaura

Oenothera grandiflora?

Coal mine

Rockdale



dark

more open country

prairie

Taylor 9.15

Austin 11.30

April 10, Austin, Tex.

Altis

Juglans nigra + nigra

Prinospis juliflora

Juniperus virginiana

Bumelia

Quercus virginiana

Tillandsia usneoides, senei

Podocarpus

Smilax

Rhus crassifolia

Quercus, big

Opuntia engelmanni

Catalpa

China berry

Eucalyptus macaranga

Tillandsia usneoides, senei

Quercus nigra, abn.

" macrocarpa

Lupinus subcornuta

Callarua pedata

Oenothera speciosa

" 2 other little yellow ones

Gaura, 2

Sisyrinchium

Thalictrum graveolens

Neostictis

Ptilis tripartita

Diapryx nux.

Rhus trilobata

Quercus texana

Alseodora rubra?

Yucca rupicola + angustifolia

Acaia ramiflora

Sophora secundiflora

Urginea

Mexican oregano

Xanthoxylum

Argemone

Rhus trilobata

Rhus lanceolata

Viburnum

Lonicera

Ilex decidua

" cassini

Psoralea

7.10.10. Banning  
Penton, apple, pear



Austin

April 10

<i>Ammodramus</i>	com.
<i>Chondestes</i>	"
<i>Zonotrichia</i>	3
<i>Progne subis</i>	com
<i>Phalaenoptilus</i> ?	
<i>Zenaidura</i>	"
<i>Catherpes</i>	com
<i>Mimus polyglottis</i>	abu
<i>Cardinalis</i>	com
<i>Scissor tail</i>	abu
<i>Falco sparverius</i>	1
<i>Cathartes</i>	com
<i>Cathartes</i>	"
<i>Parus bicolor</i>	
<i>Thryothorus carolinensis</i>	
<i>Troglodytes parkmani</i> ?	
<i>Cyanocitta</i>	com
<i>Chrysocorus</i>	1
<i>Ampelis cedrorum</i>	12, & 6
<i>Polioptila</i>	heard
<i>Colaptes</i>	heard

April 11

Left Austin 1.25 P.M.

Open prairie, good land,  
Corns cotton  
Bewbly woods along creeks,  
Elm, oaks, a few  
mesquite & cactus  
Doves & prairie birds.

Guadalupe River

Braniff

More mesquite &  
cactus, & chaparral,  
& junipers, all the  
way to San Antonio  
Masses of flowers.  
Corns well up.  
cotton just planted.

San Antonio 6 P.M.



April 12

San Antonio

— Flowerwax —

Verbena

Cineo

Argemina

Thallisperma

Callarhoa

Anothers big white

" lemon yellow

Lupinus subseriata

Phlox

Phacelia

Left San Antonio 2:20 PM

Mesquite

Cactus

Live oak

Spanish moss 2

Chaparral

Sandy soil

rather level

Kennedy 5 P.M.

Same kind of country

Beeville

Prairie + scrub oak

Skidmore — all prairie

San Antonio April 12

Zanier

Quiscalus major 2

Scissor tails com.

Mimus polyglottus abn.

Cardinalis "

Pyrruloxia? 1

Zonotrichia albicollis, heard

Deerwax aestiva "

Ampelis cedrorum com.

Zenaidura "

Progne

Corpus Christi, 8:20<sup>PM</sup>



April 13 Corpus Christi

Brown Pelicans com  
 Larus  
 Shovelers 2  
 Anisaeetus major, abn  
 " aeneus "  
 Night Hawks, heard.  
 Minimus polychloris  
 Cardinalis  
 Scissor tails com  
 Sturnella heard  
 Swifts a few

April 14 down at ranch  
 14 mi. S. of Corpus Christi

Anisaeetus aeneus, com  
 Milvulus com  
 Minimus - nest + yg. "  
 Zenaidura nests + eggs  
 Eumetis occidentalis 2  
 Simphemia semipalmata 1  
 Ardea herodias com.  
 Falco sparverius 1  
 Parabuteo 1  
 Cathartes aura com.  
 Chelidon "  
 Tyrannus tyrannus 1  
 Icterus spurius 1

Geococcyx (7) 1  
 Colinus com

Cardinalis "  
 Zonotrichia leucophrys "  
 " albicollis "  
 Melospiza lincolni "  
 Peocetes 1  
 Chordeiles abn  
 Ammodramus perspicillatus  
 " "  
 Peuca cassinii  
 Melanochorus leucostictus, abn.  
 Polioptila heard

April 15

Night hawk 2  
 Geococcyx 3  
 Cathartes atrata, com.  
 Batramia 7  
 Icterus spurius 4  
 Larus 2  
 Peuca cassinii com.  
 Thyrothorus bewicki 6  
 Contopus virens? 1  
 Vireo heard.  
 Black necked stilt 1  
 Forsters Tern 2  
 Golden plover? 1



April 15

Molothrus	5
Sturnella	2
Amiscahus major	3
Aegialitis vocifera	4
Eurymis occidentalis	3
Pelecanus, white	19

April 16

Numenius longirostris	15
Cormorant	1
Stelgadopteryx	com.
Wilsoniana mitrata	1
Zoetulus clubris	1
Spizella arizonae	1

April 17

Greater yellow legs	2
Swifts	com
Dendroica coronata	2
Spiza americana	1
Myiarchus cinerascens	1
Coutopus virens	1
Ammodramus auduboni	
Progne subis	7

April 18

Aegialitis wilsoni	com
" nivalis	"
Arremonia interpres	4
Zonotrichia macroura	"
" flavipes	1
Otocoris	
Anthus	com.
Serinus?	1
Pyrocephalus rubinus	1 ♂
Empidonax	
Least Tern	2
Caspian Tern? (Watson)	
Royal Tern	"
Spiza americana	50
Merganser serrator	2
Spizus	heard
Polioptila	2
19	

Empidonax	1 killed
Chestnut sided warbler	1
Seturus rubrocapiti	1 ♂
Certhia	1
Pandion	1



Corpus Christi Tex.

Condalia obovata  
Lucium berlandiera  
Castida meholoni  
Condalia spatulata  
Lippia ligustrini  
Acacia farnesiana - Huizache  
Prosopis juliflora  
Opuntia engelmannii  
" vulgaris?  
" leptocaulis  
Echinocactus texensis  
Yucca treculana  
(Flower Point)  
Quercus virginiana, dwarf  
" nigra  
" "  
Vaccinium  
Laurel

(Watson's Ranch)

Rhamnus  
Erythraea calycosa

Ehretia obtusifolia)  
"Anagua" Mex.  
Palmetto  
Ailth



Mr. Watson & Prior  
killed 1023 birds in 6 or 7  
days last year, terns,  
yellowlegs, avocets, killdeer

With Armstrong killed  
816 birds in 5 days

Coyote, mad, kill 2 goats  
2 puppies & chickens,  
killed by bulldog.

April 24

Carpenter Christ

West to Petrinello Creek <sup>23 m.</sup>

<sup>April 25</sup>  
~~Kaibab~~ *Kaibab*

*Alnus crassifolia*, *by*

*Arcus virginicus*

*Fraxinus*

*Celtis*

*Prosopis juliflora*

*Parkinsonia aculeata*

*Vespa* *ahata*

*Trichostema*

*Conium maculatum*

*Argemone rosacea*

*Adiantum nemorosum*

*Jatropha stimulosa*

San Fernando Cr. lunch <sup>10 m.</sup>

Santa Gertrudes Cr. at

Kings ranch

Camped at windmills  
<sup>17 m.</sup>



April 24 Santa Rosa  
South to Santa Rosa Ranch - 25  
Perodipus semicinctus com.  
Perognathus merriami "

Dendroica aestivamoresensis  
" ~~viridescens~~  
Melanerpes carolinensis

April 27  
Santa Rosa Ranch 8.

Zonotrichia subruficollis  
Macerodhamphus scolopaceus  
Pyrrhuloxia  
Bartramia

April 28 San Ignacio Ranch  
Hesperophrys moriostris  
Geothlypis s. bairdi  
Parus bicolor  
Circus hudsonius, nesting  
Mimus  
Dendroica virens

"  
Mniotilta varia  
Pyrocephalus com.  
Vireo solitarius, 1 shot  
Zenaidura nesting  
Molothrus  
Spiza americana in rocks



Cameron Co April 28

*Phlox drum-villasi*

*Tatapha stimulosa*

*Sisyrinchium angustifolium*

*Erythraea calycosa*

" *texasensis*

*Castilleja*

*Oenothera* 6

*Linum*

*Baptisia leucophylla*

*Linum rigidum*

April 29

San Ignaceus to Sang Ranch  
30 mi

Left sandy prairie & struck  
mesquite & cactus 5 mi.

before Sang

Numerous ponds in  
mesquite.

*Gauria* 1

*Eupatorium*

*Spizella pallda*

*Dendroica blackburniana*

*Petrochelidon*

*Chelidon*

*Dendroica pusilla*

*Aegialitis juncoides*

*Pelicanus erythrorhynchos*

*Grothypis ludis*

*Fulica*



April 30

Saug Ranch

50 mi to Brownsville

Mesquite

Huisach

Parkinsonia aculeata

Opuntia engelmannii

" leptocaulis

Arenas caespitosus

Echinocactus texensis

Cordalea obtusifolia

Zizyphus

Lippia

Argemone platyceras

" rosacea

Nicotiana

Yucca treculeana

Castela nelsonii

Euphorbia corollata

Quercus agrifolia

Asporhynchus curvirostris nest, 4

Melospiza leucoptera com.

Columbiginella

Zenaidura

com.

Xanthura luduosa

Icterus melani

Cactus wari nest

Baccharis

Quercus

Populus

Fraxinus

Argemone

Opuntia

Yucca

Salix

Juniper

Amelanchier

Morimus

Persea

Castalia

Sanicula

Tagetes

Stemodia

Asplenium

Senecio

Thalictrum



Proqua Camp April 30.

May 1 Proqua Camp to  
Cactus Camp.

May 2 Brownsville, 15 mi.

May 3 Brownsville  
to

Tarranta Camp 12 mi.

May 4, Cactus camp, 3 mi.  
lunch 10  
edge of flat clay bottoms 5  
or 25 mi. N. of Brownsville.

Perognathus carolinensis from B. 25 mi.

May 5 - Camp 47 mi. N. of B.

Grass hills, edge of flat  
or 25 mi. N. of Brownsville  
to edge of flat.

Rio Colorado 2 mi. 10 mi.

Camped -

May 6 Camp at Rio Colorado  
15 mi. S. of Song R.

S. mexicanus 1 seen  
Song R. Noon.

Camp 5 mi. N. of Song  
at edge of prairie, or  
Lake side Camp

Armadillo dens

Cactus coren

Sigurdson

Neotoma

Perognathus paradosus

sp. 4

May 7 Camp at ~~lake~~ side

Grass hills on edge  
of prairie, first time  
5 mi. S. of Rio Colorado

Prairie plants exposed  
Opuntia vulgaris  
Quercus virginianus  
Baptisia carolinensis  
Eriogonum californicum  
Jatropha stimulosa  
Phlox



*Hillenia cylindrica*  
*Herbertia*  
*Liriodendron*  
*Verbena*  
*Desmodium* 4  
*Cassia procumbens*  
*Galactia canescens*  
*Centropogon serrulatus*  
*Liriodendron*  
*Thalassiperna*  
*Calceolaria*  
*Eschscholzia cavellii*

Camp at Live oak Mott.  
St. Ignace  
 Came 25 miles

May 8

Camp 8:40 AM  
 All day over sandy prairie to  
 live oak & mesquite strip at  
 Santa Rosa.

Santa Rosa. 30 mi.

May 9. Camp 8:40

Santa Rosa Ranch

Open prairie again, less sandy,  
 more flowers, no trees, few lakes  
Flowing well

Camp 5 mi S. of Kings. 20 mi

Kings Ranch

San Fernando Cr.

Quercus the dominant flower

Petaville Cr. Camp

May 11

Camp. Petaville Cr. 9 AM

Monarda, dominant  
 then little Antennaria

P



May 15 Corpus

*Monarda*  
*Fuchsia*  
*Plantago* 2

*Centurus rosacea*  
" *pinnatifida*

Thistle

*Opuntia engelmannii*

" *missouriensis*

Mesquite, scattered. dwarf

edge of mesquite & prairie, 8 mi.

*Solanum*

*Petalostemon*

Lunch at Alacandura cr.

*Conocarpus*

*Coreopsis*

*Verbena* 2

*Convolvulus*

*Malvastrum*; yellow

*Solanum*

pepper

May 14 Corpus Christi 7:20

across Mueen Bay

Portland

Coast Chapparel - a province

live oak / strip to

Schenck

Sandy prairie with

scattered live oak & mesquite

young hick, can.

a few creeks & mountains

Beeville

Kennedy

branch of San Antonio R.

Pecan trees

*Yucca stricta*

masses of tall Callarhoe

San Antonio



May 15

San Antonio - 8 9 AM

Live oak + pear along streams

Mesquites + cactus + yuccas

higher country

sunflowers

Sunday

low escarpment + hills to the N.

were open + scrubby mesquite

Hondo

Lupines

Sapindus

D. Haines

Salinal - dinner

Cypripedium

open prairie

mesquite

Hills like lava beds

Walden

Walden, May 16

Prosopis

Oak

Ulmus crassifolia

Cordallia

No. 7, Kan bush, a few

Opuntia engelmannii

" arborescens

" leptocaulis

" espinosa

Acacia

No. 20,

Zippia

Celtis

Liriodendron

Callarhoe

Verbena

Conocarpus

Crotophaga

Carrot

Barley

Saba

Atropa

Gerardia

Delphinium

Rhus

Sagittaria

Thistle



*Solanum*

"  
*Zillardsia recurvata*

*Phorodendron*

*Argemone*

*Helianthus*

*Myrtocarpia capitata*

*Dalmanella hirsuta*

*Colebrina tremula* or *anthus*

*Rhus microphylla*

*Alnus berlandieri*

*Leucodermis glauca* or *viridis*

*Ephedra*

*Yucca trachycarpa* ?

" *stricta* or *angustifolia*

~~*Yucca acuminata*~~

46. blue orobis like

17. *Chilopsis* like

*Condalia americana*

May 17 Monday 4 P.M.

Del Rio . 7

May 18 Del Rio 4:40

Rio Grande R. low cliffs

Devils R.

canyons & cliffs

out on plain, yuccas



El Rio May 18

*Prosopis juliflora*

*Parthenocissus Texana*

*Acacia*

*Agave*

*Yucca*

*Rhus glabra*

*Celtis*

*Baccharis*

*Cornus*

*Pecunia*

Pecos High Bridge May 20

*Quercus virginica*

*Asclepias tuberosa*

*Attis*

*Salix nigra*

*Diospiros mexicana*

*Prosopis juliflora* a few

*Salvia formosa*

*Hoffmanseggia arvensis*

*Cotoneaster* ? *Krameria canescens*

*Agave heteracantha*

*Dasyliion Texanum*

*Yucca angustifolia*

" *truncata* ?

*Leucaena retusa* - long pod

*Fouquieria splendens*

*Berberis trifoliata*

*Hesperaloe parviflora*

*Eysenhardtia macrocarpa*

*Ephedra*

*Cordalea*

No. 7.

No. 4. narrow leaf

*Rhus microphylla*

*Salvia lasiandra*

*Acacia Schottii*

*Calliandra conferta*

*Mimosa borealis*

*Lycium villosum* ?



- Colubrina texensis*  
 20. light green shrub  
*Ephedra nevadensis*  
 No. 17. Chilopsis like shrub  
*Lippia laquestris*  
*Roberlinia spirosa*  
*Mimosa bedardierii*?  
 72. "  
*Sophora secundiflora*  
 74. ~~Alouatta~~ *pubescens*?  
 75. ~~Sirea~~ *Mozzinia spatulata*  
 76. Thorny shrub  
*Phytolacca*  
*Baccharis*  
*Juglans rupestris*  
*Cucurbita*  
*Xanthium*  
*Vitis*  
*Clematis*  
 No. 6. leaf like *Celtis*  
*Coyatillo* - *Kerwinia*  
*Colubrina texensis*  
*Cereus dubius*  
 " *paucispinus*  
*Echinocactus longihauatus*  
*Mammillaria pectinata*  
 " *strobiliformis*  
 " *viripara*  
*Opuntia engelmannii*  
 " *leptocaulis*  
*Fraxinus greggii*

add 200 to plants nos. for 1900.

## Plant Catalogue

No. 201.

1800

Brownsville, Tex. May 4

No. 1. ~~Maximowiczia~~ <sup>*Iberivillea*</sup> *lindheimeri*

2. *Helenium microcephalum*  
like *Camissonia*

3. *Monarda citriodora*

4. *Forsteria angustifolia*

5. *Ilex*

6. *Celtis pallida*

7. *Forsteria angustifolia*  
"guayacan" - dense leaved

8. *Lycium carolinianum*

9. *Schaefferia cuneifolia*  
2 insets,

10. *Coyatillo* *Kerwinia umbellata*

11. ~~*Cordia*~~ *Zizyphus obtusifolia*

12. *Casahuate* *nicholsonii*

13. *Agave* *variegata*

14. *Xanthoxylum pterota*



215

15. *Diapirus Texana*

16. *Castalia elegans*

17. *Leucophyllum Texanum*

18. *Parkinsonia florida*

19. *Parkinsonia aculeata*

20. *Coudalia obovata*  
light green bush

21. *Yerba ciliata* "probably"

Rio Colorado May 5

22. *Acacia roemeriana*

23. *Bernardia myricaeifolia*

24. *Acacia amentocera*

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~~on~~ Prairie N. of Sang R.

25. ~~Flourensia~~ <sup>*Monostylis*</sup> *caelestina*  
10 mi. N. of Sang, May 7

26. *Zinnia ciliata* *baillyi*  
San Ignacius Ranch, May 8

San Ignacius & Santa Rosa  
Cameron Co, Tex, May 8.

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27. ~~*Fipolia*~~ *Psoralea rhombifolia*

28. *Galactia canescens*

29. *Galactia marginalis*

30. ~~*Morongia*~~ *reueinata*

31. *Cassia procumbens*

32. ~~*Zornia*~~ *tetraphylla*

33. ~~*Alouatta*~~ *Gaillardia pulchella*

34. *Evolvulus sericeus*  
blue

35. *Krameria secundiflora*  
purple flower like *Dalmanella*

36. ~~*Quercus*~~ *serrulata drummondii*

37. *Parosela aurea*  
big fuzzy yellow spike

38. *Acrocypha radians* -  
(diatoms, red filaments)

39. ~~*Halimolobos*~~ *Sphaeralcea lindheimeri*

40. *Indogophora leptosepala*



Add 200 to Nos

(241)

41. *Oenothera*

*Merrillia serrulata drummondii*

42. *Cracca* (*Tephrosia*) *lindeheimeri*

43. *Gutierrezia*

~~Winklers~~ Kings Ranch, Cameron Co., May 10

44. *Aphanostephus arkanensis*  
white daisy

45. *Verbena encelioides*  
a big *Helianthella* like flower

46. *Commelina crispa* ?  
blue, like Orchid

47. *Phlox drummondii*

Kings Ranch, Nueces Co., May 10

48. *Rudbeckia hirta*

49. *Lantana* <sup>*hirsuta*</sup> *aculeata*

50. ~~*Conoclinium*~~ <sup>*was*</sup> *Lepachys*  
*Latibida pulchella*

51. *Cassia*

52. *Acacia*

53. *Mimosa* ?

Corpus Christi Tex.

54. *Moranda citriodora*

55. *Coreopsis nuesensis*

56. *Antennaria Filago nivalis*

*Grindelia microcephala*

57. ~~*Oenothera*~~ <sup>*Hartwegia*</sup> *speciosa*  
" *pinatifida*

58. *Verbena ciliata* - "probably"

59. *Persea borbonica*

60. <sup>*novella*</sup> *Myrica cerifera*

61. ~~*Tillandsia*~~ <sup>*Botodendron*</sup> *arborescens*

62. ~~*Mimosa*~~ <sup>*Acacia*</sup> *tortuosa*

63. *Acacia amentacea*

64. *Solanum triquetrum*  
Native pepper

† Pecos High Bridge, May 21

65. ~~*Mimosa borealis*~~ *fragrans*

66. *Eysenhardtia amorphoides*



Myrtle Peas high Bridge  
2670

67. *Calliandra conferta*

68. ~~Coleogyne~~ <sup>Krameria</sup> *canescens*

69. *Acacia Scottii* *constricta*

70. ~~Cassia~~ <sup>Acanth</sup> *depressus*

71. ~~Daba~~ <sup>Peasula</sup> *frutescens*

72. *Acanth velutinus*

73. ~~Mimosa~~ *vestanderi*?

*Leucaena pulverulenta*

74. ~~Sophora~~ *pedunculiflora*?

75. ~~Dicra~~?

*Mozzina* ~~spatulata~~ <sup>ovatiflora</sup>

76. *Bumelia texana*

77. *Croton Torreyanus*

3 ball bush

78. *Bernardia myricaeifolia*

79. *Juglans rupestris*

80. *Quercus* <sup>undulata</sup> ~~cylindrica~~ <sup>stellata</sup>

(281)

81. *Baccharis bigelovi*

82. *Rhus virens*

83. *Fraxinus greggii*

84. *Mammillaria pectinata*?

85. *Mammillaria strobiliformis*?

86. *Quercus*

2867 *Quercus* *bruniceps*

87. *Quercus*

Tim. brook

88. *Quercus nemoralis*

89. *Quercus undulata*

90. *Ribes*

91. *Ribes*

92. *Philadelphus*

93. *Cercocarpus*

294. *Rhus*

2944. *Quercus*

Alpine, Tex.  
" "



Cloudcroft

95. *Pachystima*

~~96.~~

96. *Oen grandidentatum*

296 B. *Pinus*

297 A. *Abies*

298 C. *Abies*.

Plant number for 1899  
up to 110, I began with  
1 in 1900, so add 200.

Begin in 1901 with  
No. 320.



May 22. Pecos Bridge

5:30 P.M.

Langtry Supper

Junipers

Yuccas

open plain - dark

May 23. Alpine

out to Judg. Brockenbrough's

Quercus grisea

" emoryi

Juglans rupestris

Prosopis juliflora

Acacia

Condalia

a few

Arbutus texana

Croton

Liquaria speciosa

Juniperus

Fallugia paradoxa

Ephedra nevadensis

Microthamnium ~~ericae~~ <sup>ericoides</sup>

Yucca baccata

Agave <sup>angustifolia</sup> texana

Dasylirion

Nolina

Opuntia engelmanni

" pink flower

" yellow flower

Opuntia

white spines

Opuntia arborescens

Mammillaria

Cereus

Ptelea angustifolia, a few

Glossopetalon spinosum

Berberis trifoliata

Rhus

leafy, 82.

Mimosa biuncifera

Argemone platycens

Asclepias

Larrea

Rhus aromatica



May 26 to Alpine  
May 27 Sierra Blanca  
Rio Grande Valley

Larrea  
Prosopis  
Ephedra  
Chilopsis in flower  
Yucca angustifolia  
" baccata  
Fouquieria  
Opuntia arborescens  
" "  
Atriplex several  
Populus

Yolita, old Mission

El Paso.

May 28 El Paso, 10:30 am

J. Bliss  
Larrea  
Atriplex canescens  
Prosopis  
Microseris  
Yucca angustifolia  
Artemisia filifolia  
Ephedra trifurcata  
Grass

Local Junction 1 PM

Lurquois

Escobedo 2 P.M.  
Dipodomys spectabilis  
Thomomys

Dog Canyon 2:15 P.M.

Koeberlinia  
Ficus magnifica  
Alamosa 3  
Fouquieria in flower  
Yucca baccata small  
Populus monilifera



Up Canyon

- Juniperus*
- Pinus edulis*
- Prunus* 8200-9200
- Pinus ponderosa* 8200-9100
- Pseudotsuga* " "
- Abies* 9000-
- Pinus monticola* 8200-9200

Cloud Croft

- Quercus* 8200-9200
- " " "
- Populus tremuloides* " "
- Acer glabrum* " "
- " *gracilidentatum* " "
- Spiraea* " "
- Sambucus* " "
- Ribes* " "
- Prunus* 8200- " "
- Pachystima* " "
- Viola canadensis* 8200- " "
- Potentilla* " "
- Fragaria speciosa* " "
- Clematis* " "
- Aquilegia* " "
- Scilla* " "
- Ribes cereum* " "

Clouderoft July 2, 8130

Toboggan (8100) 8200

- Juniperus virginiana* 7000- "
- " *pachyphloea* " - "
- Pinus edulis* " "
- Cercocarpus* " "
- Philadelphus* " "
- Rhus aromatica* " "
- Yucca elata* " "
- Cornus* 8000 " "
- Berberis* - 8000
- Agave* at " "
- Rosa* " "
- Fallugia* 5300- "

Highrolls (7000) 7100

Watrous crossing (6000) 6700

- except of d. S. "
- Koeberlinia* " "
- Yucca glauca* " "
- Opuntia* " "
- Fraxinus greggii* " "
- Prosopis* " "

Pinto Pass (6300) Lower Sonoran 6500

- Yucca* (6200) 6400
- Yucca brevifolia* " "
- Dasylirion* " "
- Fouquieria* " "



El Valle

(5600) 6020

Acacia

Populus monophylla

Trachypogon viridis

Atriplex canescens

Argemone

Cercocarpus

Echinocactus

Opuntia arborescens (5100) 5500

" lavisii?

Edge of valley (4800) 5300

Alamogordo (4300) 4900

Jarilla

4800

El Paso

4300

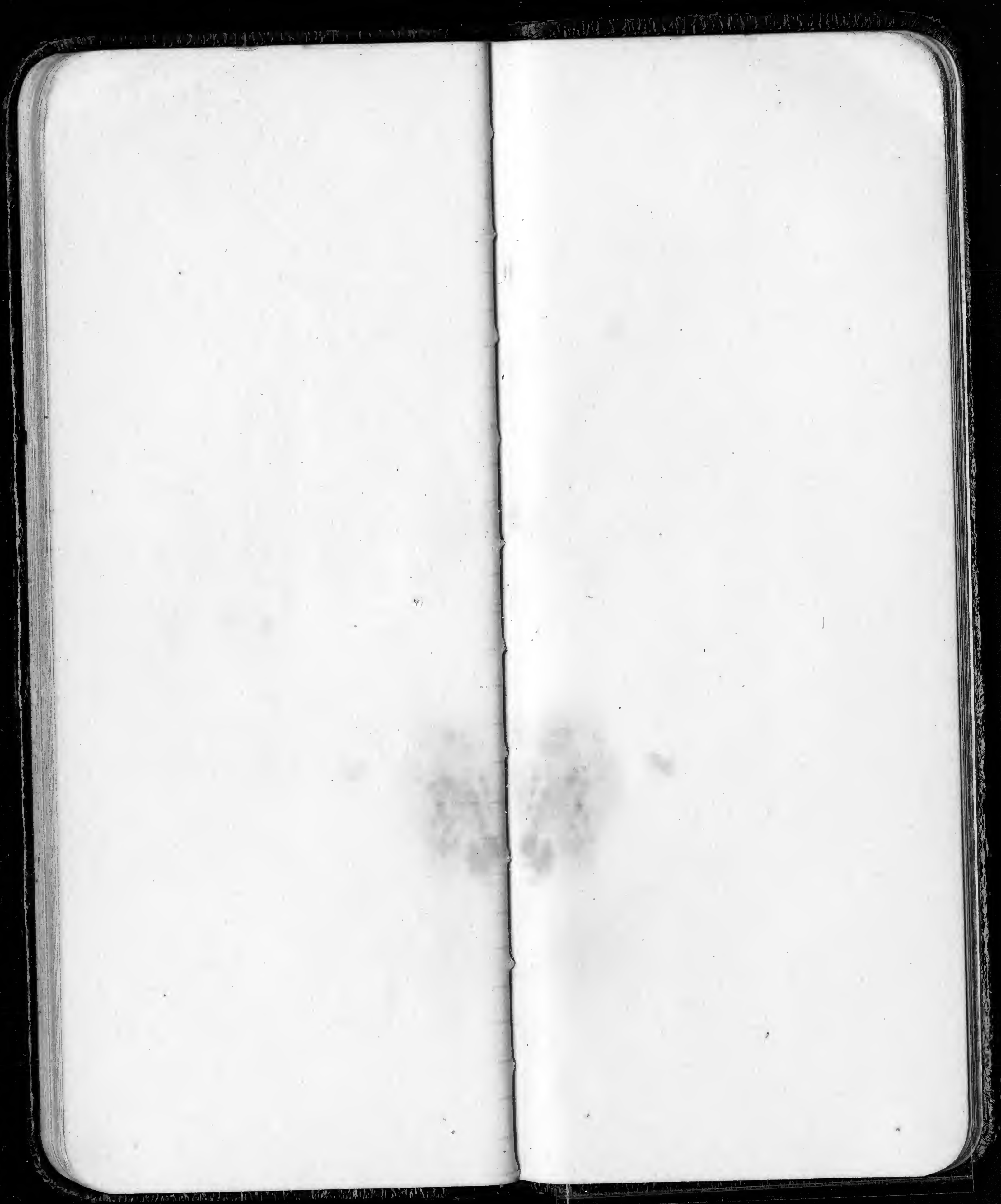
Correction - 600 feet at  
Alamogordo.



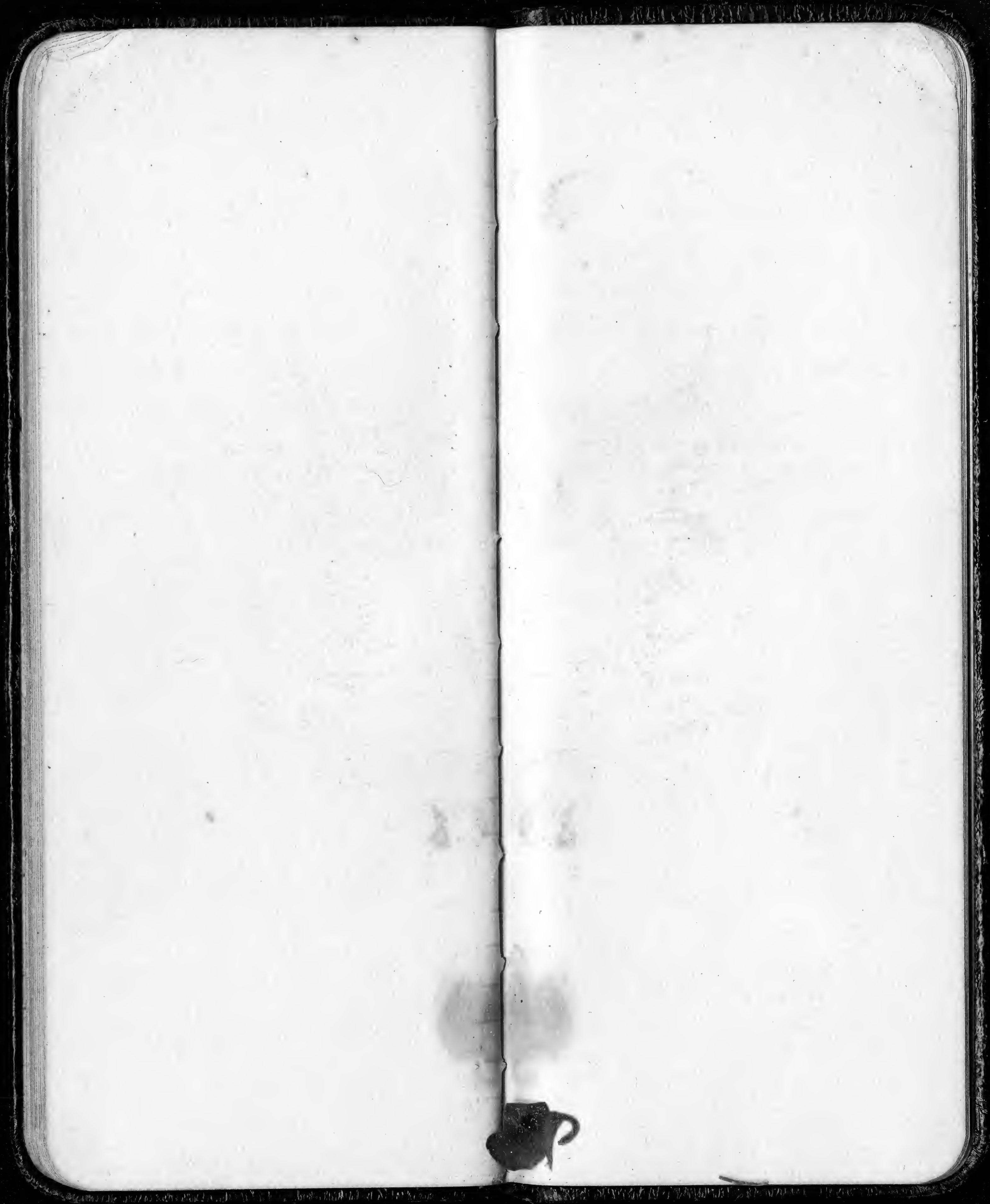
Yucca elata

" radiosa











Roll No 7

1. Ditch in Juarez

May 27.

2. Bliss

4-10. Yuccas + distant mts.  
between El Paso + Alamogordo.

11+12 - Sacramento mts.

Roll 8 Cloudcroft.

1-2. from train going up. May 28

3-6 from Sanic Pint, across  
valley with playa, 2 of  
timber slopes

7-9. spoiled by exposure

10-12. Pseudotsuga + poplars  
near camp.

Roll No. 9

Redsquirrel cones & piles  
+ forest trees at Cloudcroft May 31

Roll No. 10

Thomomys. Cloudcroft

Roll No. 11

2. Cloudcroft, May 18.

3. Yucca + yucca

4. Pecos Canyon

5. Mt. of Pecos at Cloudcroft

6. High ridge

7. Yucca

8. Yucca + yucca

9. Yucca

10. Fougus. slope

11. Dasylerion

12. Agave + yucca slope

Roll 5 (old roll)

1-8 Sayornis nest. Alpine May 24.

9. Swallow nest

10-12. Judge Brockenbrow's house

+ wts. back of it.

Roll 6

1. with a stream + cliff

2. 20 ft. high back of ranch

3. Rough peak back of ranch

4. Yucca + yucca

5. Yucca + yucca

6. Yucca

7. Yucca + yucca

8. Yucca in fruit

9. Rock peak back of ranch

10. Highest peak we climbed

11. Sayornis on branch.



# Roll No 1.

1. Cameron Co. St. Ignace Ranch, <sup>April 28</sup>  
Carpenter of Phlox, live oak & prairie
2. Nest of *Harpoxanthus cucurbitatus*  
in *Opuntia engelmannii*  
South of Sang Ranch, April 30
3. Nest of *Heliodithis* in tall  
*Opuntia engelmannii*  
20 mi. from Brownsville, May 1
4. Nest of *H. cucurbitatus* in  
flowering *O. engelmannii*  
May 1, 20 mi. N. of Brownsville
5. Nest of *H. cucurbitatus* in  
Yucca, 15 mi. S. of Brownsville <sup>May 1</sup>
- 6 + 7. Marked in *Matamoros*  
May 2
8. Trail from school in  
Matamoros, May 2
9. *Opuntia*, Yucca - bunch  
15 mi. E. of Brownsville, May 4
10. Cactus fence, " "
11. *Parkinsonia florida* tree  
20 mi. N. of Brownsville
12. 2 Yucca, one with nest  
of *Phalaena* or *Oriskany*, big one  
with 3 nests of *Thraupis*  
near Rio Colorado, May 5

# Photos

1. Austin, Tex. April 10.  
*Lupinus subcornutus* on campus
2. *Lupinus subcornutus*, in woods
3. *Tillandsia ciliolata* on  
*Quercus nigra*
5. Corpus Christi, April 16.  
*Peromyscus* nest in bush
4. *Zenaidura* nest on  
mesquite stump - 1 egg, 1 yg.
1. *Rhithodontomys* nest in bush, 17th
2. Cardinal nest in waxy bush 17th
11. Mesquite tree & *Coreopsis*  
north of Corpus Christi: 22d
12. *Oenothera rosea* 7 var. 24th  
on prairie 20 mi. W. of Corpus
10. Moss on *Q. virginiana* on bank  
of Patamulo Creek 25th
9. Same as last close by.
7. Moss on live oaks, mesquites,  
Cactus & *Oenothera rosea*
5. Cameron Co. April 27  
Party of *Quercus* on prairie
6. Cameron Co. St. Ignace R. April 28  
big moss on live oak
5. Woodcock nest in Cactus  
with flowers 6 feet  
May 5. Rio Colorado



10. Scissortail nest in bush.  
Rio Colorado, May 6.

7. *Parkinsonia aculeata* tree in bloom.  
Rio Colorado, May 6. broken

8. *Neotoma* nest in cactus, May 6.

14. Cactus mesquite orchard

6 mi. South of Sangre Ranch

9. Mexican houses at Sangre Ranch

10. Geomys hills on prairie

10 mi N. of Sangre Ranch May 7.

11. Caracara nest

8. Texas Star, May 8.

Armstrongs ranch

11. Dickcissels on fence

Santa Rosa, May 9.

12. Night Hawk, Kings Ranch May 9

8.8 Pond + prairie clouds  
near Kings Ranch. May 9.

5. Huesac at Windmills (7.7)

Kings ranch May 10.

1. Oriole + scissortail nest in mesquite

8. Rudbeckias + Coneflowers + mesquite  
near San Fernando Cr. May 10.

5. Moss on live oak at Pitsanillo Cr. May 11.

6. *Parkinsonia aculeata*, Pitsanillo Cr.

9. *Neotoma* nest of cactus with acacia +  
Mesquite bushes in background.  
Pitsanillo Cr. May 11.

Roll 2

2, 3, 4. General view of  
mesquite + live oak country  
looking N. from train west of  
O. Haines, May 13

4. Cypress trees at Sabinal

5. Cornflowers + live oaks at Wadde May 15

6. Live oak grove along creek, Wadde May 15

7. Cactus wren nest in *Opuntia leptocaulis* May 16

8. Cactus wren nest in a

*Lippia* bushlet, *Oenothera* (yellow)

in front. wd print on cactus

9. *Opuntia engelmannii* + *leptocaulis*

among mesquite, *Lippia* + *Acacia*

12. *O. engelmannii* between mesquite

bushes, persimmon in middle, oaks beyond

11. Orange tree + big *Sisyrinchia* bush

10. spoiled by double exposure

Roll 3

Del Rio, May 18.

1, 2, 3. Rio Grande.

4. Mexican local, 5. field of Johnsons

6. over pines in valley.

7, 8, 9. Big Springs. 10. *Acacia* bush.

11. Sheep. 12. desert.



John H. K. K. K.

Cur. to Missions, San Antonio

Houston & Navarro Sts.

W.A. Clark, Corpus Christi

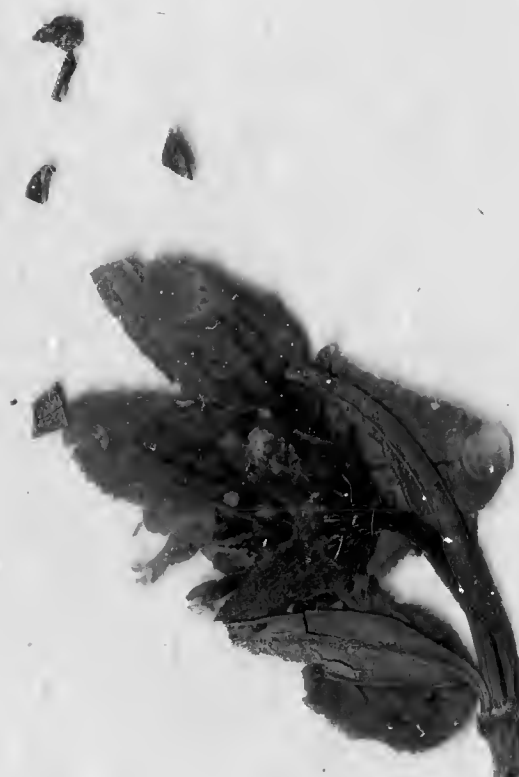
O.S. Watson

Capt. Smith, Brownsville

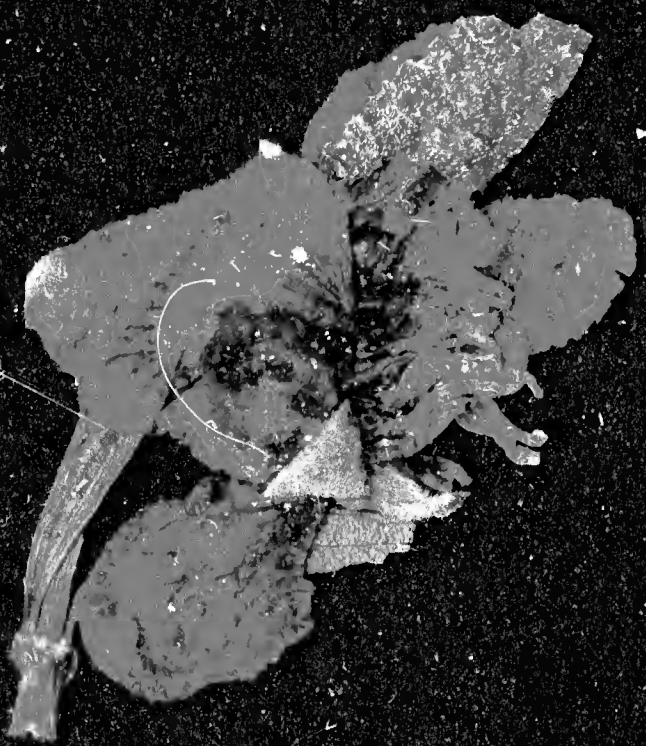
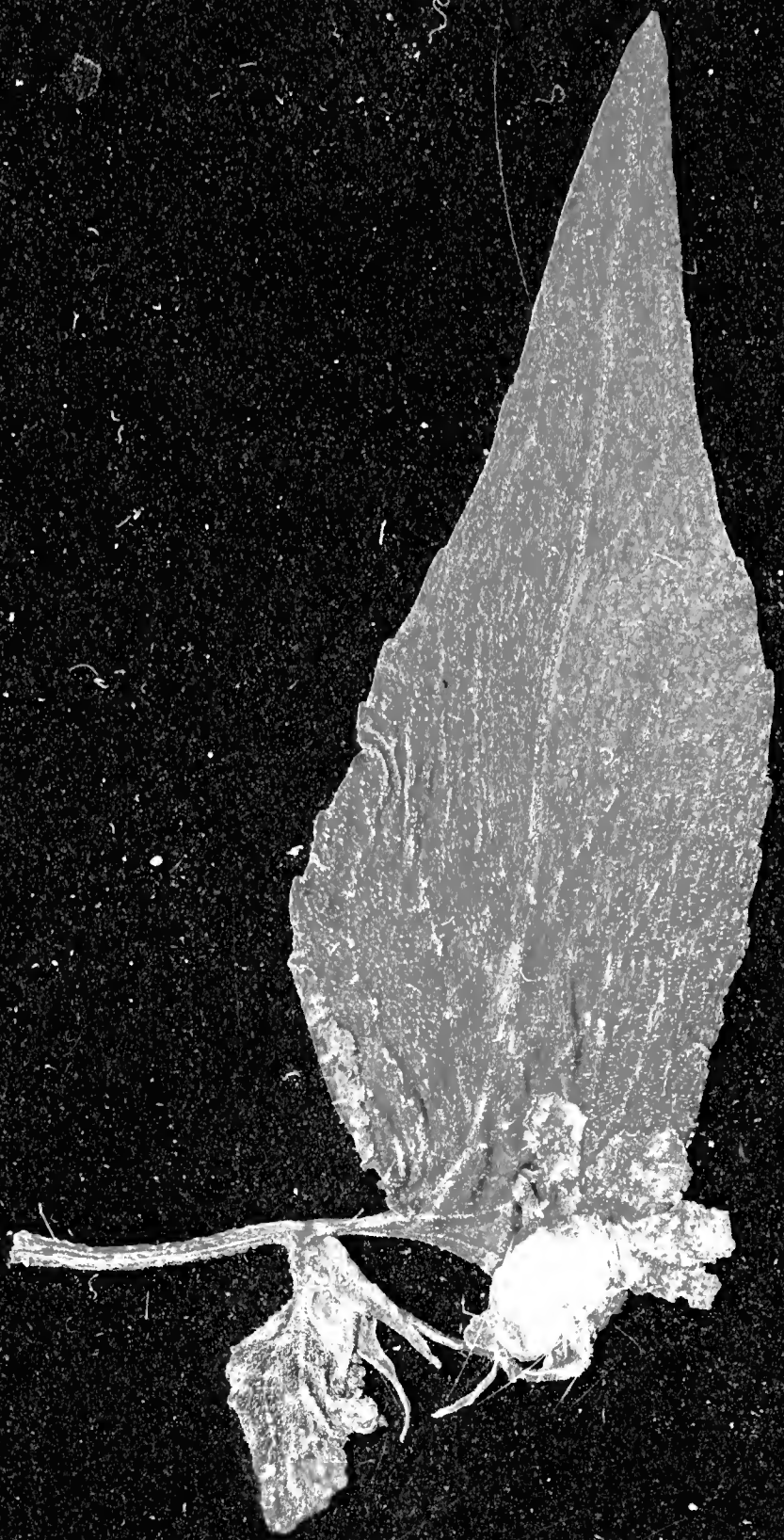
Sup. Nat. Cemetery.

Prof. Munson V. Morris

Corpus Christi









354 341 24 2 Lps

342 307 77 2 2

450 375 450 2 2

670 345 45 8 8

450 150 45 8 8

272 78 7 33 2 2

570 20 12 2 2

225 20 2 2

115 100 5 5

115 100 5 5

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Lepan Indians

115 100 5 5

7.5. Prockenbow



